

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re-application of: B. P. Kelkar et al.Date: October 2, 2003Serial Number: 10 / 629,448Group Art Unit: not availableFiled: July 29, 2003Examiner: UnknownTitle: Method, Program Product and Apparatus for Discovering Functionally Similar Gene Expression ProfilesIBM CORPORATION
Intellectual Property Law MD90/201-1
8501 IBM Drive
Charlotte, NC 28262

INFORMATION DISCLOSURE STATEMENT (IDS) UNDER 37 CFR 1.97

Assistant Commissioner For Patents, Washington, D. C. 20231

Dear Sir:

The attached Form PTO/SB/08A provides a listing of information which may be relevant to the subject application. This IDS is not intended as a representation that better art is not available, nor that the information provided is prior art. This IDS is submitted under: 37 CFR 1.97(b). The Commissioner is authorized to charge payments of any associated fees required under 37 CFR 1.17(p) and (i) (1) to Deposit Account No. 09-0469.

WO0237102A2 "Methods for Analyzing Dynamic Changes in Cellular Informatics and Uses Therefor" by Huang and Ingber describes analysis of dynamic changes in cellular processes and representing cellular processes as dynamic signatures or phase portraits. The signature is based upon time dependent molecular changes that are associated with a transition between distinct stable cellular behavioral states.

WO0134789A2 relates to gene expression clustering by statistically significant connections.

US Patent 6,420,108 relates to a computer aided display for comparative gene expression.

US 2002/0019704 is a method for analyzing a plurality of sets of values associated with a plurality of genes to identify those genes whose associated values differ by an amount of statistical significance.

US Patent 6,185,561 relates to organizing expression information in a way that facilitates data mining.

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that I am depositing the enclosed or attached correspondence with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, Alexandria Virginia.

On 2 October 2003KARL O. HESSE

Name of person mailing paper

Karl O. Hesse 2 Oct 2003

Signature

Date

Respectfully submitted,

By: Karl O. HesseAttorney: Karl O. HesseRegistration No. : 25,398Telephone No. : 704-594-8304IBM Docket # : CHA92000003

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Complete if Known

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Filing Date

July 29, 2003

First Named Inventor

Bhooshan P. Kelkar

Art Unit

Examiner Name

Attorney Docket Number

CHA920030003

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO0134789A2	05-17-2001	Lukashin, Alex	Abstract	
		WO0237102A2	05-10-2002	Huang, Sui	Abstract	

Date
Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND**

T : Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.

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